REMARKS

This application has been carefully reviewed in light of the Office Action dated December 26, 2007. Claims 1 to 21 are pending in the application, of which Claims 1, 10 and 16 to 21 are independent. Reconsideration and further examination are respectfully requested.

Initially, Applicants thank the Examiner for the indication that Claims 3, 5, 6, 8 and 9 contain allowable subject matter and would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The abstract of the disclosure was objected to for improper language and format. Without conceding the correctness of the objection, Applicants have amended the Abstract as indicated above. Accordingly, Applicants respectfully request withdrawal of this objection.

Claims 18 to 21 were rejected under 35 U.S.C. § 101 because the claimed invention is allegedly directed to non-statutory subject matter. Applicants have amended the claims to clarify that they are directed to a computer-readable storage medium storing a computer-executable program. Accordingly, Applicants respectfully request reconsideration and withdrawal of this rejection.

Claims 1, 2, 4, 7 and 10 to 21 were rejected under 35 U.S.C. § 102(a) over Applicant Admitted Prior Art (AAPA). Reconsideration and withdrawal of this rejection are respectfully requested for the following reasons.

The present invention concerns a print control system in which a plurality of canceling methods are available. In addition, switching between the canceling methods is automatically executed in response to a variety of factors.

In the Office Action, it was contended that the portions of the background discussion of the present invention disclosed a print system that is capable of executing a

plurality of reset or cancellation processes as AAPA. However, Applicants submit that such is not the case. Instead of describing a single print system with a plurality of processes, Applicants were actually describing that, while it is known that a plurality of cancellation processes exists and that there will be circumstances where one cancellation process is optimal over the others, no conventional print system allows the determination of cancellation processes in a run-time environment. Instead, a single cancellation process is selected by the designers of a print control system at the time the print control system is being designed. Therefore, conventional print control systems only have one available cancellation process at run-time, and that process is selected by the designers when the print control system is being designed.

Specifically, on Page 3, Lines17 to 22 of the specification of the present application, it is stated that if "two kinds of print system environments of a case where the reset signal can be issued and a case where the reset signal cannot be issued exist, there is also a problem such that it is impossible to execute a desired canceling process according to the environment." That is, there are at least two types of print system environments, one in which a reset signal may be issued and one in which a reset signal may not be issued. However, no conventional print control system is known that is capable of operating in both of the two types of print system environments. This is because each conventional print control system is designed such that only one canceling process can be executed by the print control system. Therefore, a separate print control system must be provided for each type of print system environment.

In addition, the specification of the present application further recites on Page 3, Lines 22 to 26 that "(i)n a printing environment in which a plurality of canceling methods exist, it is necessary to individually form a print control system corresponding to each of the canceling methods, so that large development costs are necessary." (Here it should be noted that the

"printing environment" described in the present application refers to a design environment for print control system designers, rather than a run-time or use environment for users.) In other words, some development printing environments allow for the design of at least two types of canceling methods. However, in order to realize the multiple types of canceling methods, it is necessary to develop multiple print control systems with each print control system embodying only one of the types of canceling methods. This leads to the costly development of multiple and independent print control systems.

Turning now to the claims, Claim 1 is directed to an information processing apparatus for transferring data of a job formed on the basis of application data to a printer via interface means. The apparatus comprises a discriminating means for discriminating a communication environment regarding said data transfer, and a cancellation processing means for, when cancellation is instructed during said data transfer, cancelling said data transfer via said interface means by one of a plurality of cancelling methods on the basis of said communication environment discriminated by said discriminating means.

Independent Claim 16 is directed to a method corresponding to the apparatus of Claim 1. Claims 18 and 20 are directed to computer-readable storage media corresponding to the apparatus of Claim 1.

Independent Claim 10 is directed to an information processing apparatus which can communicate with a printer. The apparatus comprises a forming means for forming a job including print data based on application data, a transmitting means for transmitting data of the job formed by said forming means to said printer, an obtaining means for obtaining limitation information of cancellation of said job and cancellation processing means for executing a

cancelling process of the job transmitted by said transmitting means by a cancelling method based on the limitation information obtained by said obtaining means.

Independent Claim 17 is directed to a method corresponding to the apparatus of Claim 10. Claims 19 and 21 are directed to computer-readable storage media corresponding to the apparatus of Claim 10.

Applicants submit, for the reasons discussed above, that none of the conventional print systems described in AAPA disclose or suggest an information processing apparatus having a discriminating means for discriminating a communication environment regarding said data transfer, and a cancellation processing means for, when cancellation is instructed during said data transfer, cancelling said data transfer via said interface means by one of a plurality of cancelling methods on the basis of said communication environment discriminated by said discriminating means, as featured in Claim 1. Furthermore, Applicants submit that none of the conventional print systems described in AAPA disclose or suggest an information processing apparatus having a forming means for forming a job including print data based on application data, a transmitting means for transmitting data of the job formed by said forming means to said printer, an obtaining means for obtaining limitation information of cancellation of said job and cancellation processing means for executing a cancelling process of the job transmitted by said transmitting means by a cancelling method based on the limitation information obtained by said obtaining means, as featured in Claim 10.

Accordingly, Applicants respectfully submit that Claims 1, 10 and 16 to 21 are in condition for allowance and respectfully request same.

The other pending claims in this application are each dependent from the independent claims discussed above and are therefore believed allowance for at least the same

reasons. Because each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, the entire application is believed to be in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

CONCLUSION

No claim fees are believed due; however, should it be determined that additional claim fees are required, the Director is hereby authorized to charge such fees to Deposit Account 50-3939.

Applicants' undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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